



## **Product and Industry**

### **Agriculture:**

- Fertilizer: Liquid and non-liquid bio fertilizer
- Crop protection: Bio-control bacteria and fungi for Organic Agriculture
- Hydroponic: Bio-control for root rotting
- Plant Growth Promoting Bacteria

### **Aqua-Product**

- Effective microorganism for feed
- Waste-water treatment bacteria for controlling *Vibrio* spp.

### **Industrial Waste Management**

- Waste-water treatment bacteria for Aerobic and Anaerobic process.
- Waste-water treatment Enzymes for wasted natural fat and Oil

### **Feed Industry**

- Cordycepin from *Cordyceps* spp. for healthier livestock and poultry

### **Supplement and food additive**

- Cordycepin for human supplement

### **Beneficial Microbes in production**

1. *Bacillus licheniformis*
2. *Bacillus subtilis*
3. *Lactobacillus plantarum*
4. *Lactobacillus acidophilus*
5. *Saccharomyces cerevisiae*
6. *Trichoderma* spp.
7. *Chaetomium* spp.
8. *Bacillus megaterium*

### **Beneficial Microbes and their functionality**

1. Cellulose digesting bacteria and fungi
2. Lipase digesting bacteria
3. Lactic Bacteria
4. Protein digesting bacteria
5. Phosphate/Potassium solubilizing bacteria
6. Acetic acid bacteria
7. Nitrogen fixing bacteria
8. Bacteria used as a larvicide for mosquito control